

## Product datasheet for **TL311613**

### MAGEA3 Human shRNA Plasmid Kit (Locus ID 4102)

#### Product data:

Product Type:	shRNA Plasmids
Product Name:	MAGEA3 Human shRNA Plasmid Kit (Locus ID 4102)
Locus ID:	4102
Synonyms:	CT1.3; HIP8; HYPD; MAGE3; MAGEA6
Vector:	pGFP-C-shLenti (TR30023)
E. coli Selection:	Chloramphenicol (34 ug/ml)
Mammalian Cell Selection:	Puromycin
Format:	Lentiviral plasmids
Components:	MAGEA3 - Human, 4 unique 29mer shRNA constructs in lentiviral GFP vector(Gene ID = 4102). 5µg purified plasmid DNA per construct 29-mer scrambled shRNA cassette in pGFP-C-shLenti Vector, TR30021, included for free.
RefSeq:	<a href="#">NM_005362</a> , <a href="#">NM_005362.1</a> , <a href="#">NM_005362.2</a> , <a href="#">NM_005362.3</a> , <a href="#">BC005963</a> , <a href="#">BC000340</a> , <a href="#">BC011744</a> , <a href="#">BC016803</a> , <a href="#">BC017389</a> , <a href="#">NM_005362.4</a>
UniProt ID:	<a href="#">P43357</a>
Summary:	This gene is a member of the MAGEA gene family. The members of this family encode proteins with 50 to 80% sequence identity to each other. The promoters and first exons of the MAGEA genes show considerable variability, suggesting that the existence of this gene family enables the same function to be expressed under different transcriptional controls. The MAGEA genes are clustered at chromosomal location Xq28. They have been implicated in some hereditary disorders, such as dyskeratosis congenita. [provided by RefSeq, Jul 2008]
shRNA Design:	These shRNA constructs were designed against multiple splice variants at this gene locus. To be certain that your variant of interest is targeted, please contact <a href="mailto:techsupport@origene.com">techsupport@origene.com</a> . If you need a special design or shRNA sequence, please utilize our <a href="#">custom shRNA service</a> .

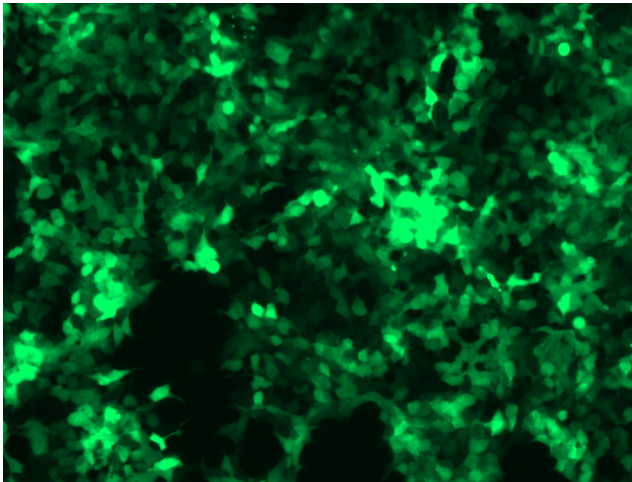


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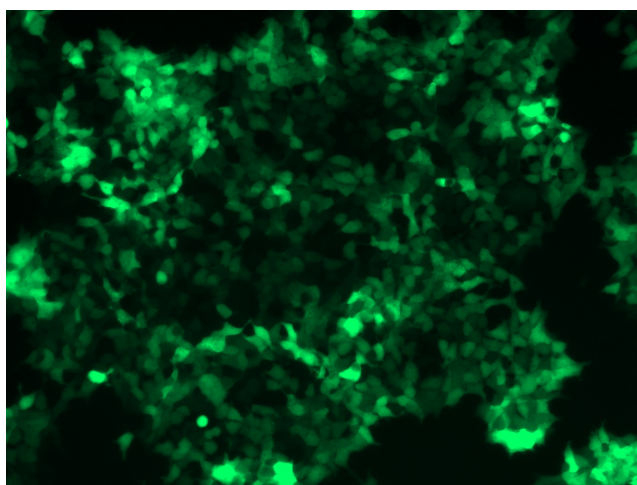
**Performance  
Guaranteed:**

OriGene guarantees that the sequences in the shRNA expression cassettes are verified to correspond to the target gene with 100% identity. One of the four constructs at minimum are guaranteed to produce 70% or more gene expression knock-down provided a minimum transfection efficiency of 80% is achieved. Western Blot data is recommended over qPCR to evaluate the silencing effect of the shRNA constructs 72 hrs post transfection. To properly assess knockdown, the gene expression level from the included scramble control vector must be used in comparison with the target-specific shRNA transfected samples.

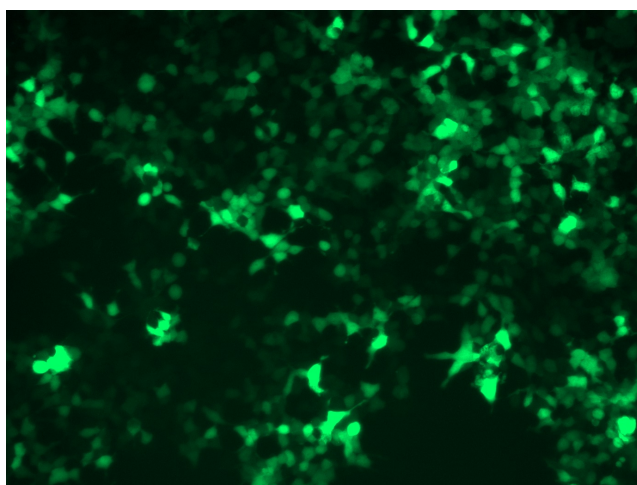
For non-conforming shRNA, requests for replacement product must be made within ninety (90) days from the date of delivery of the shRNA kit. To arrange for a free replacement with newly designed constructs, please contact Technical Services at [techsupport@origene.com](mailto:techsupport@origene.com). Please provide your data indicating the transfection efficiency and measurement of gene expression knockdown compared to the scrambled shRNA control (Western Blot data preferred).

**Product images:**

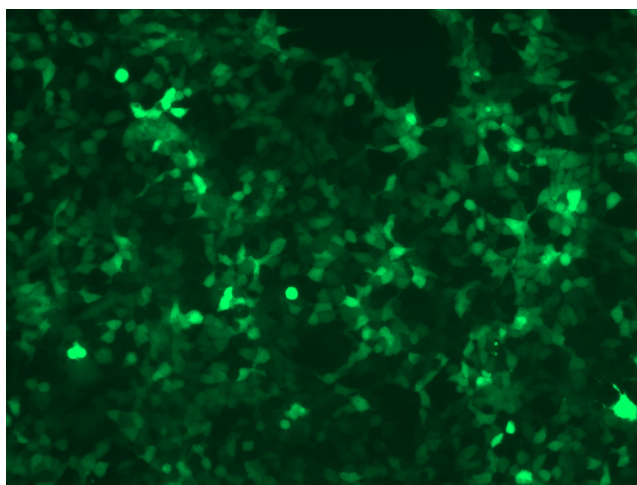
GFP signal was observed under microscope at 48 hours after transduction of TL311613A virus into HEK293 cells. TL311613A virus was prepared using lenti-shRNA TL311613A and [TR30037] packaging kit.



GFP signal was observed under microscope at 48 hours after transduction of TL311613B virus into HEK293 cells. TL311613B virus was prepared using lenti-shRNA TL311613B and [TR30037] packaging kit.



GFP signal was observed under microscope at 48 hours after transduction of [TL311613C] virus into HEK293 cells. [TL311613C] virus was prepared using lenti-shRNA [TL311613C] and [TR30037] packaging kit.



GFP signal was observed under microscope at 48 hours after transduction of [TL311613D] virus into HEK293 cells. [TL311613D] virus was prepared using lenti-shRNA [TL311613D] and [TR30037] packaging kit.